

What is claimed is:

1 1. A portable cellular phone provided with a character
2 recognition function comprising:
3 an image capturing means for capturing a character string;
4 a character recognizing means for recognizing the character
5 string captured from said image capturing means; and
6 a character string storage means for storing information
7 about feature character strings, and
8 wherein when the captured character string has been
9 incorrectly recognized, said character recognizing means
10 corrects the incorrectly recognized character string, based on
11 said information about feature character strings read from said
12 character string storage means.

1 2. The portable cellular phone provided with a character
2 recognizing function according to Claim 1, wherein when at least
3 one misread or unreadable character is included in the captured
4 character string, said character recognizing means corrects the
5 incorrectly recognized character string, based on said
6 information about feature character strings read from said
7 character string storage means.

1 3. The portable cellular phone provided with a character
2 recognition function according to Claim 2, wherein said character
3 recognizing means comprises:
4 a character recognizing section for recognizing each of
5 characters making up the character string captured from said image
6 capturing means,

7 a data referencing section for comparing a part of the
8 character string recognized incorrectly as a whole in said
9 character recognizing section with said information about feature
10 character strings stored in said character string storage means,
11 and

12 a data correcting section for correcting the incorrectly
13 recognized character string, such that a form of the incorrectly
14 recognized character string may match up with that of any one of
15 said feature character strings based on the result of comparison
16 obtained by the processing of said data referencing section.

1 4. The portable cellular phone provided with a character
2 recognition function according to Claim 2, wherein said character
3 recognizing means comprises:

4 a character recognizing section for recognizing each of
5 characters making up the character string captured from said image
6 capturing means,

7 a data referencing section for comparing a part of the
8 character string incorrectly recognized as a whole, wherein at
9 least one misread or unreadable character is included, in said
10 character recognizing section with said information about feature
11 character strings stored in said character string storage means,
12 and

13 a data correcting section for correcting the misread or
14 unreadable character, so as to match up with a form of any one
15 of said feature character strings based on the result of
16 comparison obtained by the processing of said data referencing
17 section.

1 5. The portable cellular phone provided with a character
2 recognition function according to any one of Claims 1 to 4, wherein
3 said information about feature character string includes at least
4 any one of information about a URL (Uniform Resource Locator),
5 a phone number, and a mail address.

1 6. A method for correcting an incorrectly recognized character
2 string, used in a portable cellular phone provided with a
3 character recognition function, said method comprising:
4 an image capturing step of capturing a character string from
5 an image capturing means; and
6 a data recognizing/correcting step of recognizing the
7 character string captured from said image capturing means, and
8 when the captured character string has been incorrectly
9 recognized, correcting the incorrectly recognized character
10 string, based on information about feature character strings.

1 7. The method for correcting an incorrectly recognized
2 character, according to Claim 6,
3 wherein in said data recognizing/correcting step, when at
4 least one misread or unreadable character is included in the
5 recognized character string, correcting the incorrectly
6 recognized character string, based on information about feature
7 character strings.

1 8. The method for correcting an incorrectly recognized
2 character, according to Claim 7, wherein said data recognizing
3 / correcting step includes steps of:
4 a first step of recognizing for recognizing each of

5 characters making up the character string captured from said image
6 capturing means;

7 a second step of comparing a part of the character string
8 recognized incorrectly as a whole in said first step with said
9 information about said feature character strings;

10 a third step of for correcting the incorrectly recognized
11 character string, such that the a form of the incorrectly
12 recognized character string may match up with that of any one of
13 said feature character strings based on the result of comparison
14 obtained in said second step; and

15 a fourth step of displaying the corrected character string
16 in said third step.

1 9. The method for correcting an incorrectly recognized
2 character, according to Claim 7, wherein said data recognizing
3 / correcting step includes steps of:

4 a first step of recognizing for recognizing each of
5 characters making up the character string captured from said image
6 capturing means;

7 a second step of comparing a part of the character string
8 recognized incorrectly as a whole, wherein at least one misread
9 or unreadable character is included, in said first step with said
10 information about said feature character strings;

11 a third step of for correcting the misread or unreadable
12 character, so as to match up with a form of any one of said feature
13 character strings based on the result of comparison obtained in
14 said second step; and

15 a fourth step of displaying the corrected character in said
16 third step.

1 10. The method for correcting an incorrectly recognized
2 character, according to any one of Claims 6 to 9, wherein said
3 information about feature character string includes at least any
4 one of information about a URL (Uniform Resource Locator), a phone
5 number, and a mail address.

1 11. A program for causing a computer to execute a method for
2 correcting an incorrectly recognized character string, used in
3 a portable cellular phone provided with a character recognition
4 function, said method comprising;
5 an image capturing step of capturing a character string from
6 an image capturing means; and
7 a data recognizing/correcting step of recognizing the
8 character string captured from said image capturing means, and
9 when the captured character string has been incorrectly
10 recognized, correcting the incorrectly recognized character
11 string, based on information about feature character strings.

1 12. The program for causing a computer to execute the method
2 for correcting an incorrectly recognized character, according to
3 Claim 11, wherein said data recognizing/correcting step includes:
4 a first step of recognizing for recognizing each of
5 characters making up the character string captured from said image
6 capturing means;
7 a second step of comparing a part of the character string
8 recognized incorrectly as a whole in said first step with said
9 information about said feature character strings;
10 a third step of for correcting the incorrectly recognized
11 character string, such that the a form of the incorrectly

12 recognized character string may match up with that of any one of
13 said feature character strings based on the result of comparison
14 obtained in said second step; and
15 a fourth step of displaying the corrected character string
16 in said third step.

1 13. The program for causing a computer to execute the method
2 for correcting an incorrectly recognized character, according to
3 Claim 11, wherein said data recognizing/correcting step includes:
4 a first step of recognizing for recognizing each of
5 characters making up the character string captured from said image
6 capturing means;
7 a second step of comparing a part of the character string
8 recognized incorrectly as a whole, wherein at least one misread
9 or unreadable character is included, in said first step with said
10 information about said feature character strings;
11 a third step of for correcting the misread or unreadable
12 character, so as to match up with a form of any one of said feature
13 character strings based on the result of comparison obtained in
14 said second step; and
15 a fourth step of displaying the corrected character in said
16 third step.

1 14. The program for causing a computer to execute the method
2 for correcting an incorrectly recognized character, according to
3 any one of Claims 11 to 13, wherein said information about feature
4 character string includes at least any one of information about
5 a URL (Uniform Resource Locator), a phone number, and a mail
6 address.

1 15. A portable cellular phone provided with a character
2 recognition function comprising:

3 an image capturing device for capturing a character string;
4 a character recognizing device for recognizing the
5 character string captured from said image capturing device; and
6 a character string storage device for storing information
7 about feature character strings, and

8 wherein when the captured character string has been incorrectly
9 recognized, said character recognizing device corrects the
10 incorrectly recognized character string, based on said
11 information about feature character strings read from said
12 character string storage device.

1 16. The portable cellular phone provided with a character
2 recognizing function according to Claim 15, wherein when at least
3 one misread or unreadable character is included in the captured
4 character string, said character recognizing device corrects the
5 incorrectly recognized character string, based on said
6 information about feature character strings read from said
7 character string storage device.

1 17. The portable cellular phone provided with a character
2 recognition function according to Claim 16, wherein said
3 character recognizing device comprises:

4 a character recognizing section for recognizing each of
5 characters making up the character string captured from said image
6 capturing device,

7 a data referencing section for comparing a part of the
8 character string recognized incorrectly as a whole in said

9 character recognizing section with said information about feature
10 character strings stored in said character string storage device,
11 and

12 a data correcting section for correcting the incorrectly
13 recognized character string, such that a form of the incorrectly
14 recognized character string may match up with that of any one of
15 said feature character strings based on the result of comparison
16 obtained by the processing of said data referencing section.

1 18. The portable cellular phone provided with a character
2 recognition function according to Claim 16, wherein said
3 character recognizing device comprises:

4 a character recognizing section for recognizing each of
5 characters making up the character string captured from said image
6 capturing device,

7 a data referencing section for comparing a part of the
8 character string incorrectly recognized as a whole, wherein at
9 least one misread or unreadable character is included, in said
10 character recognizing section with said information about feature
11 character strings stored in said character string storage device,
12 and

13 a data correcting section for correcting the misread or
14 unreadable character, so as to match up with a form of any one
15 of said feature character strings based on the result of
16 comparison obtained by the processing of said data referencing
17 section.

1 19. The portable cellular phone provided with a character
2 recognition function according to any one of Claims 15 to 18,

3 wherein said information about feature character string includes
4 at least any one of information about a URL (Uniform Resource
5 Locator), a phone number, and a mail address.